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Substitute for form 1449/PTO

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Application Number	
Filing Date	Oct. 03, 2003
First Named Inventor	Bobrowski, Paul J.
Art Unit	
Examiner Name	

Attorney Docket Number PHMC0745-023

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,837,238	11/17/1998	Casas et al.	
		US- 5489440	02/06/1996	Ndife et al.	
		US- 5038396	08/06/1991	Gjerlov	
		US- 4942042	07/17/1990	Bhargava et al.	
		US- 4704269	11/03/1987	Korab	
		US- 4332814	06/01/1982	Newsome et al.	
		US- 4844901	07/04/1989	Keplinger et al.	
		US- 4940725	07/10/1990	Keplinger et al.	
		US- 5302611	04/12/1994	Keplinger et al.	
		US- 5723625	03/03/1998	Keplinger et al.	
		US- 63039949	03/21/2000	Pero	
		US- 6238675B1	05/29/2001	Pero	
		US- 6361805B2	03/26/2002	Pero	
		US- 5156847	10/20/1992	Lewis et al.	
		US- 5211944	05/18/1993	Tempesta	
		US- 5474782	12/12/1995	Winter et al.	
		US- 5494661	02/27/1996	Tempesta	
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FOREIGN PATENT DOCUMENTS

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		J. Piscoya et al, Efficacy and safety of freeze-dried cat's claw in osteoarthritis of the knee: mechanisms of action of the species Uncaria guianensis, Inflamm. res. 50 (2001)			
		MJS Miller et al, Dietary antioxidants protect gut epithelial cells from oxidant-induced apoptosis, BMC Complementary and Alternative Medicine 2001, 1:11, U.S.			
		MJS Miller et al, Inhibition of Neurogenic Infammation by the Amazonian Herbal Medicine Sangre de Grado, J Invest Dermatol 117:725-730, 2001, U.S.			
		MJS Miller et al, Treatment of gastric ulcers and diarrhea with the Amazonian herbal medicine sangre de grado, Am J Physiol Gastrointest Liver Physiol, 279: G192-G200, 2000, U.S.			
		S. Lamm et al, Persistent response to pneumococcal vaccine in individuals supplemented with a novel water soluble extract of Uncaria ..., C-Med-100®, Phytomedicine, Vol. 8(4), U.S.			
		R Marini et al., Alkaloids of Croton Draconoides, Phytochemistry 1979, Vol. 18, p. 533 UK			
		G Persinos et al, South American Plants II: Taspine Isolation and Anti-Inflammatory Activity, J Pharmaceutical Sciences, Vol 68 No 1, Jan 1979 U.S.			
		A J Vaisberg et al., Taspine is the Cicatrizant Principle in Sangre de Grado Extracted from Croton Lechleri. Planta Medica 55 (1989) U.S.			
		L Peters et al., Isolation of a dihydrobenzofuran Ligan from South American Dragon's Blood (Croton spp.) as an inhibitor of cell proliferation, June 1993 Belgium			
		J D Phillipson, A matter of some sensitivity, Phytochemistry V 38, No 6, pp 1319-1343 1995 UK			

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		MJS Miller et al, Inhibition of Neurogenic Inflammation by the Amazonian Herbal Medicine Sangre de Grado, J Invest Dermatol 117:725-730, 2001 U.S.			
		SE Gabriel et al, A novel plant-derived inhibitor of cAMP-mediated fluid and chloride secretion, Am J Physiol 276 : G58-G63, 1999, U.S.			
		M Holodniy et al, A double blind, randomized, placebo-controlled phase II study to assess the safety and efficacy of orally administered SP-303 for the symptomatic treatment of diarrhea in patients with AIDS, Am J Gastroenterology, V 94 No 11, 1999 U.S.			
		B Illek et al, A novel extract from the bark latex of Croton lechleri inhibits cAMP-mediated chloride secretion in human colonic epithelial cells, Dec. 2000			
		M Sandoval et al, Sangre de Grado Croton palanostigma induces apoptosis in human gastrointestinal cancer cells, J Ethnopharmacology, 80 (2002)			
		Zheng-Ping Chen et al, Studies on the anti-tumour, anti-bacterial, and wound-healing properties of dragon's blood, Planta Med 60 (1994) 541-545, U.S.			
		MJS Miller, Dietary antioxidants protect gut epithelial cells from oxidant-induced apoptosis, BMC Complementary and Alternative Medicine 2001, I:II, Dec. 2001			
		M Sandoval, Anti-inflammatory and antioxidant activities of cat's claw (Uncaria tomentosa and Uncaria guianensis) are independent of their alkaloid content, Phytomedicine 9:325-337, 2002			
		M Sandoval et al, Cat's claw inhibits TNF α production and scavenges free radicals: role in cytoprotection, Free Radical Biology & Medicine, V 29, No 1, pp 71-78, 2000. U.S.			
		R Cerri et al., New Quinovic Acid Glycosides from <i>Uncaria tomentosa</i> , J Natural Products, V 51, No 2, pp 257-261, 1988, IT			

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		H Stuppner et al, Capillary electrophoretic analysis of oxidole alkaloids from <i>Uncaria tomentosa</i> , J Chromatography, 609 (1992) 375-380, Amsterdam			
		H Stuppner et al, HPLC analysis of the main oxidole alkaloids from <i>Uncaria tomentosa</i> , Chromatographia V 34, no 11/12, Dec 1992,			
		G Laus et al, Separation of stereoisomeric oxidole alkaloids from <i>Uncaria tomentosa</i> by high performance liquid chromatography, J Chromatography A, 662 (1994) 243-249, Austria			
		Y Sheng et al, Induction of Apoptosis and Inhibition of Proliferation in Human Tumor Cells Treated with Extracts of <i>Uncaria Tomentosa</i> , Anticancer Research 18:3363-3368 (1998)			
		M Sandoval-Chacon et al, Antiinflammatory actions of cat's claw: the role of NF- κ B, Aliment Pharmacol Ther 1998: 12: 1279-1289, US			
		K Keplinger, <i>Uncaria tomentosa</i> (Willd.) DC.-Ethnomedicinal use and new pharmacological, toxicological and botanical results, J Ethnopharmacology 64 (1999) 23-24			
		Y Sheng et al, Enhanced DNA repair, immune function and reduced toxicity of C-MED-100 TM , a novel aqueous extract from <i>Uncaria tomentosa</i> , J Ethnopharmacology 69 (2000) 115-126			

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